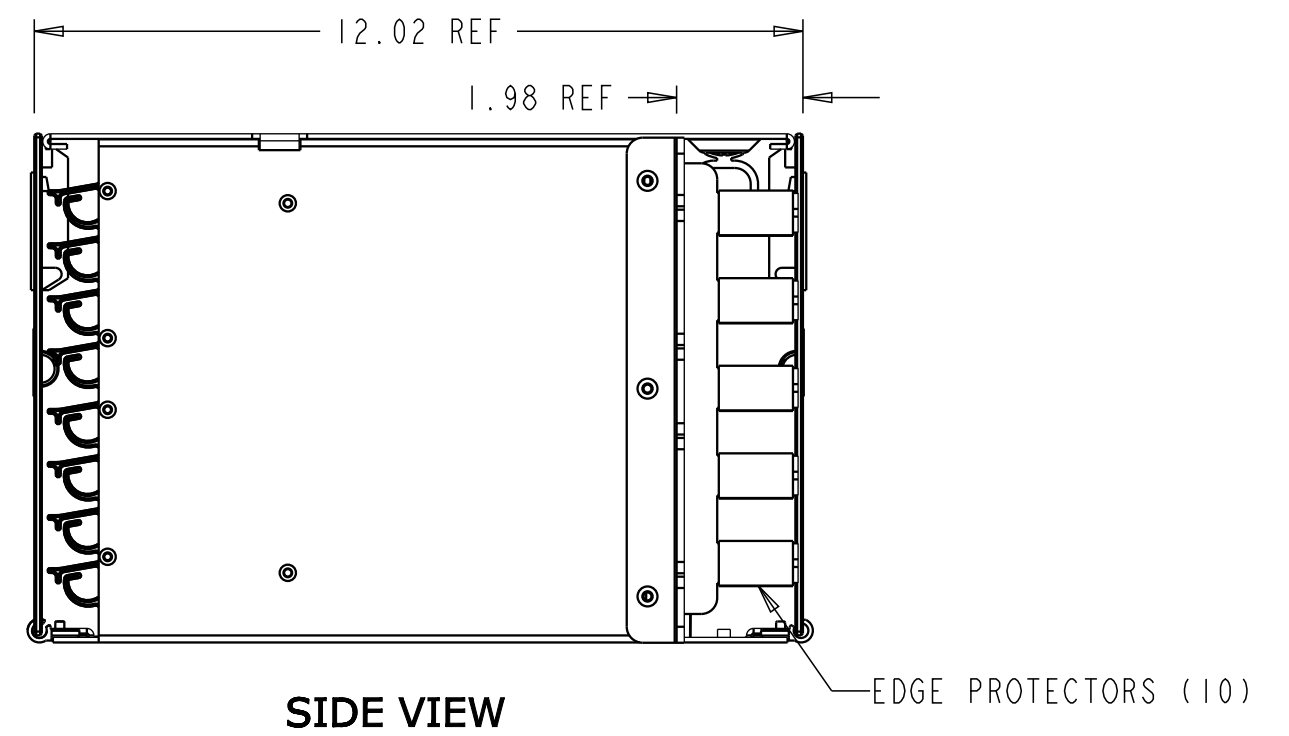
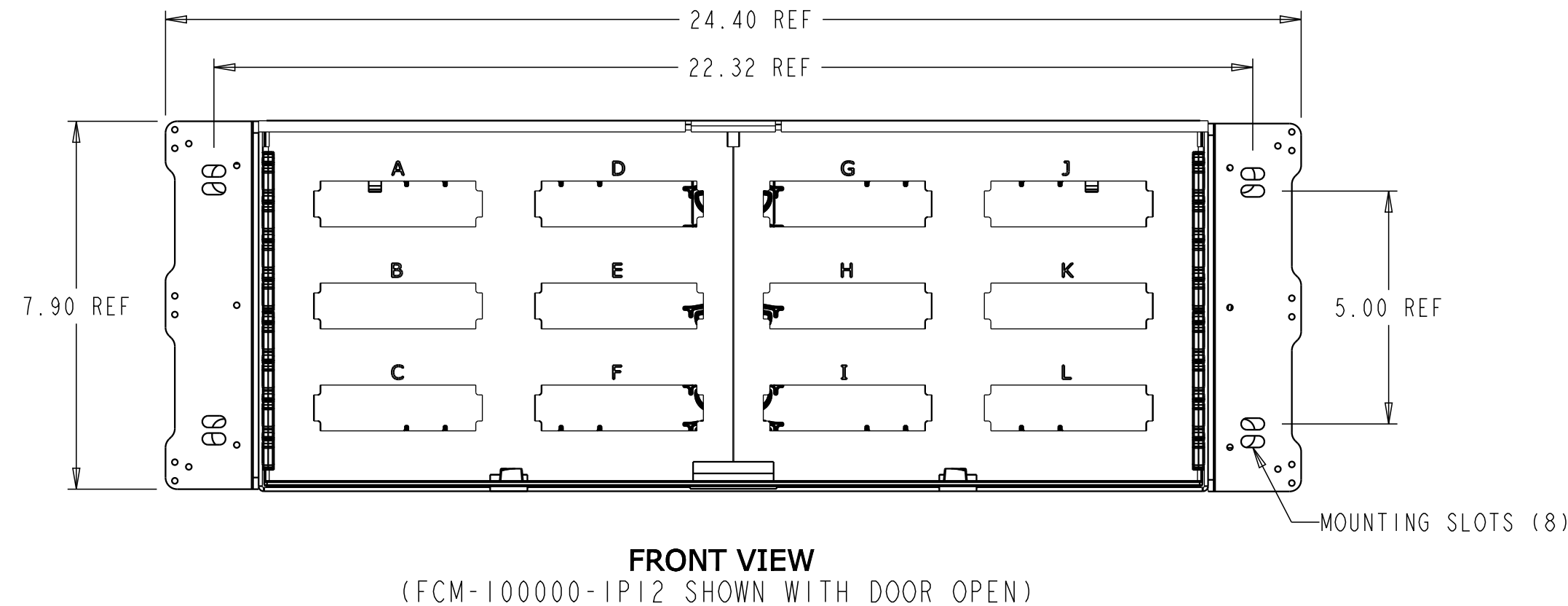
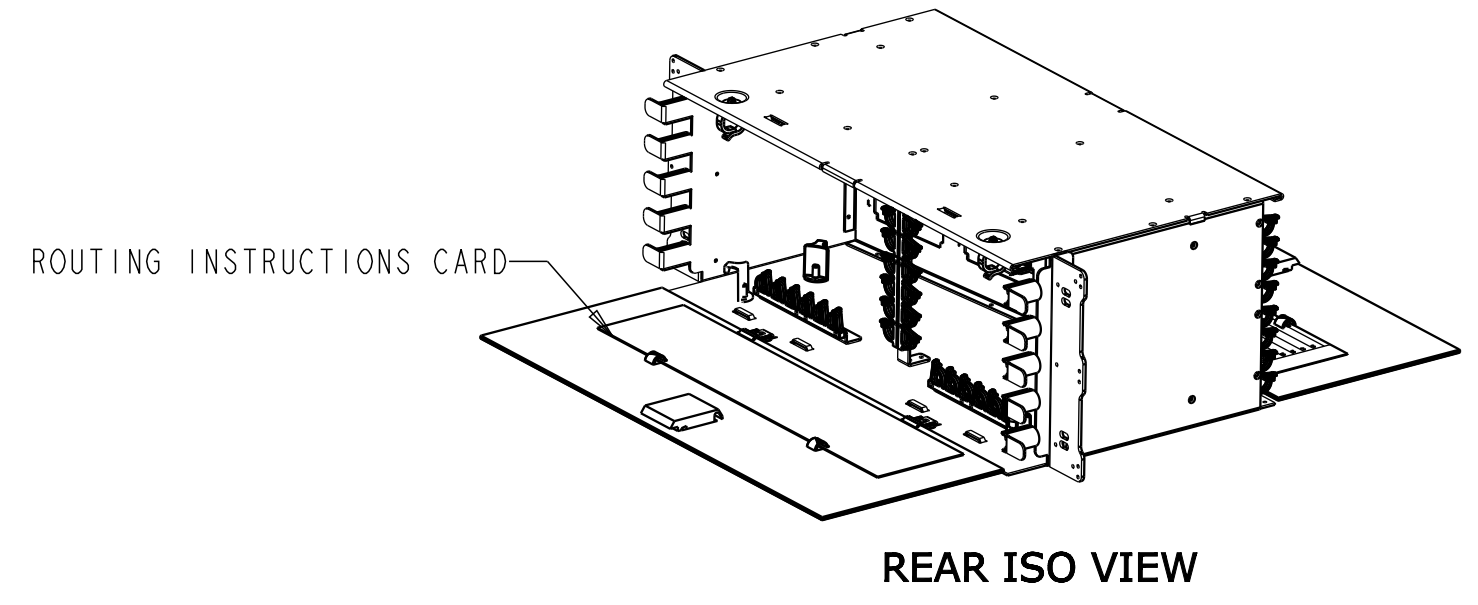
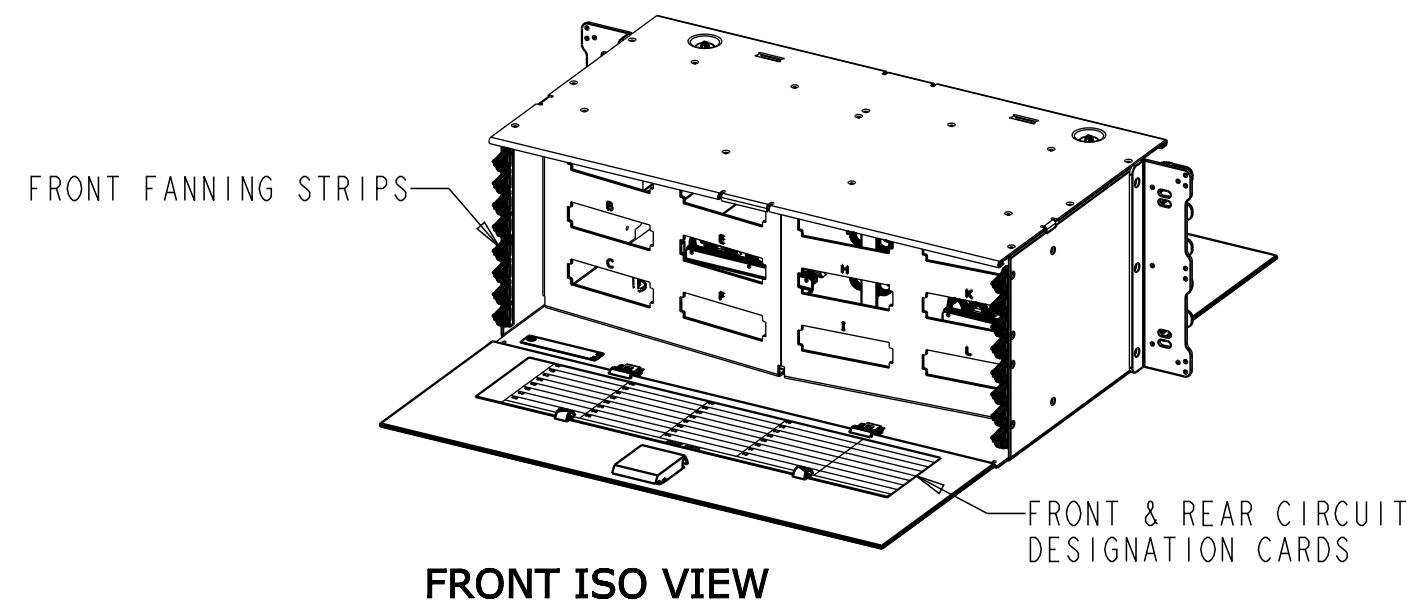
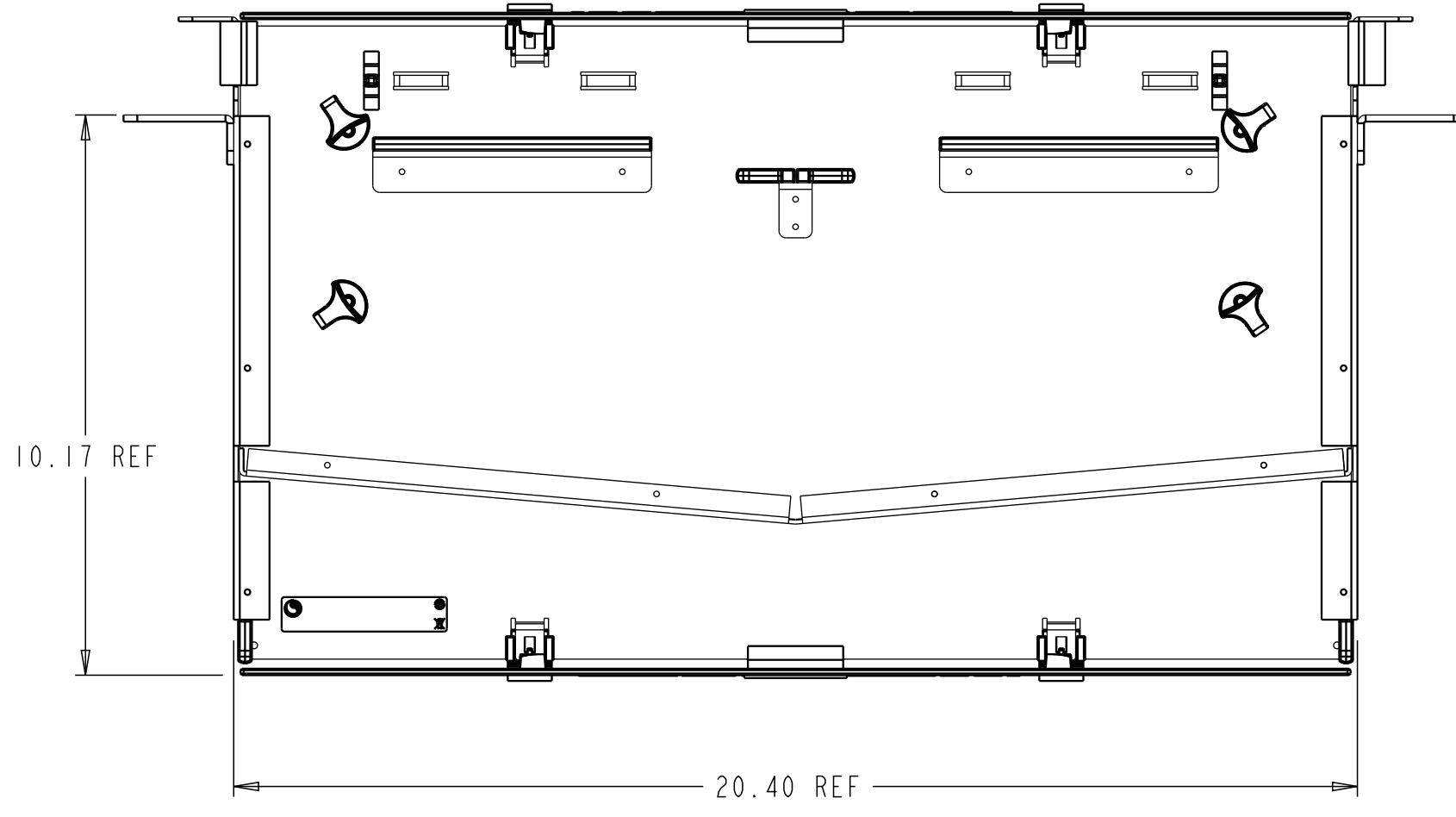


REV	MCO	DWN	DATE
A	8000017730	LLBV	16-NOV-16

**TOP VIEW
(TOP COVER REMOVED)**



- NOTES:**
1. WHEN MOUNTING INTO RACK, SLIDE MODULE FROM THE REAR SIDE AND SECURE TO REAR RACK FLANGE USING MOUNTING HARDWARE PROVIDED.
 2. DESIGNATION CARDS, KURLY LOCKS, MILLE-TIE AND MOUNTING HARDWARE ARE INCLUDED WITH MODULE.
 3. USE SCREW #12-24 AND #12 WASHER (HARDWARE PROVIDED) FOR STANDARD GROUNDING BETWEEN THE PANEL AND THE RACK. RECOMENDED TORQUE FOR INSTALLATION IS 6-8 LBS.

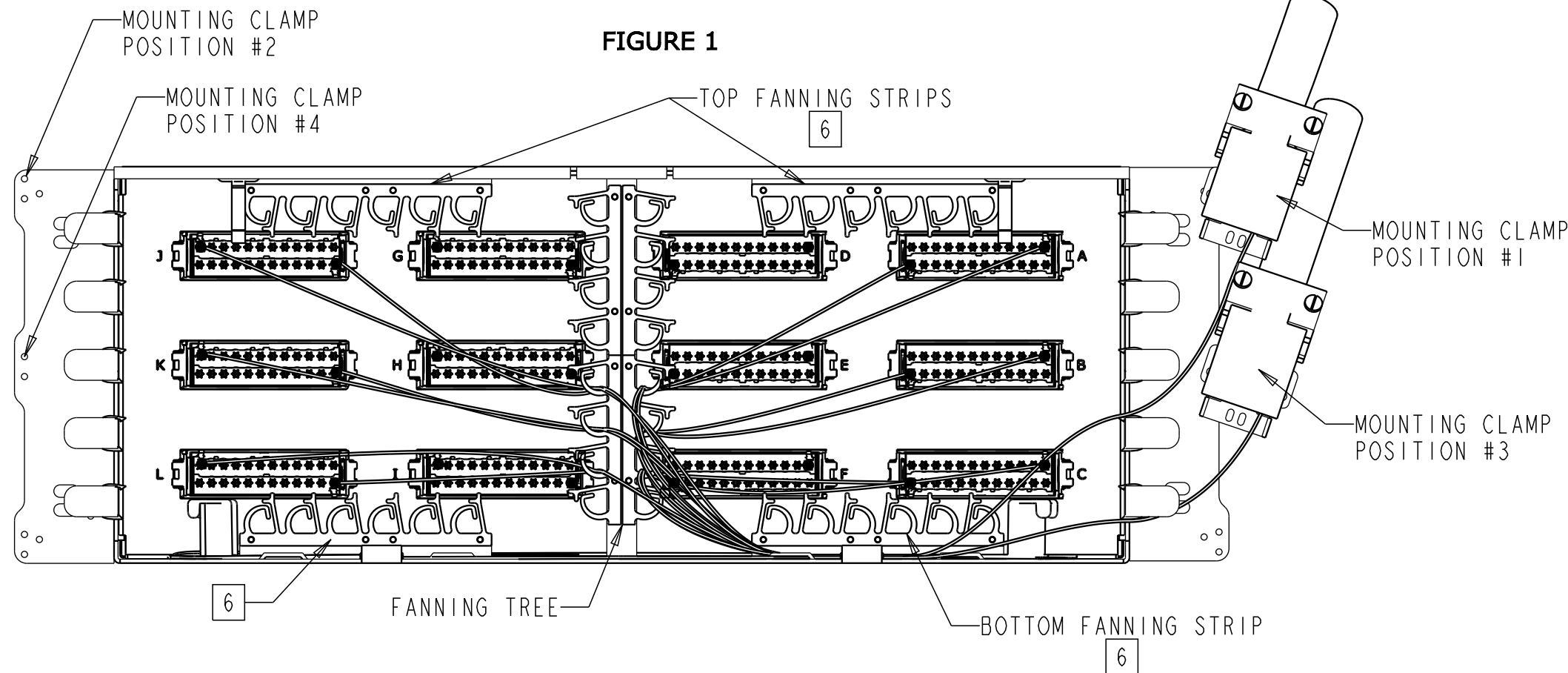
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FCM-100000-IP12	12
FCM-100000-IP16	16
CATALOG NUMBER	INSTAPATCH MODULES

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		SHT. 1 OF 5	

**DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION**

IFC CABLE ROUTING INSTRUCTIONS FOR 12-MODULE CHASSIS



REAR VIEW
(REAR DOOR REMOVED)

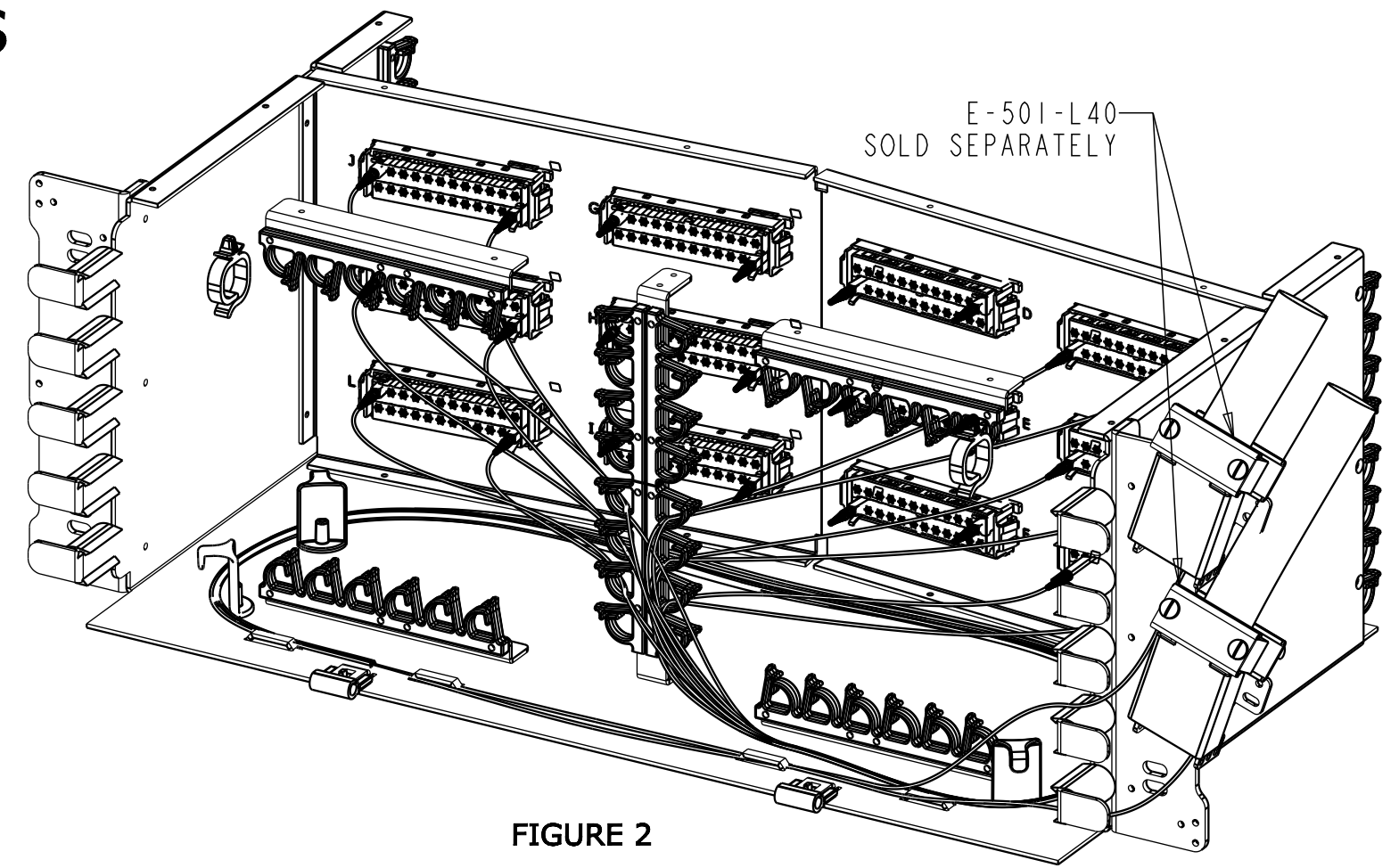
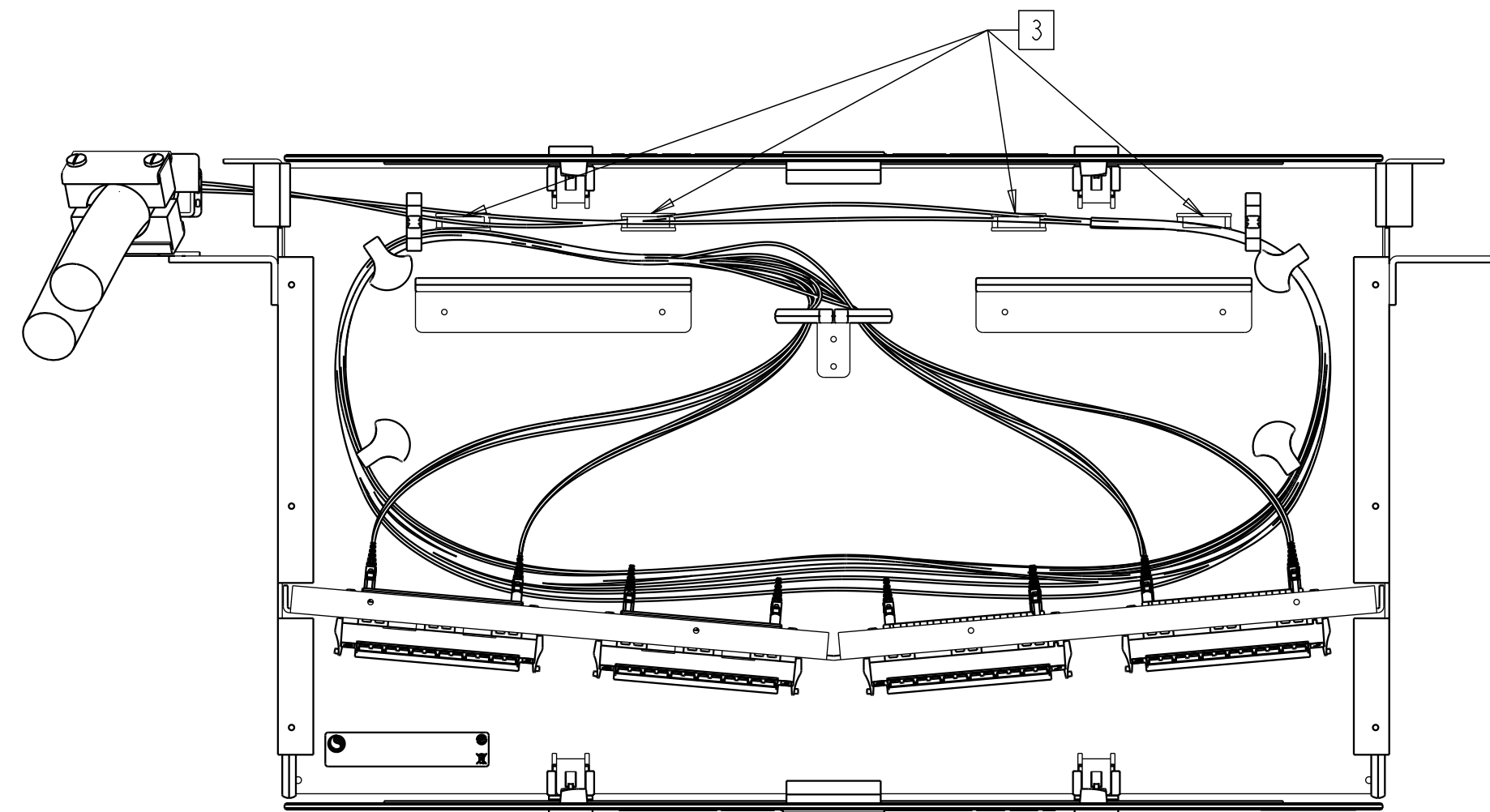


FIGURE 2



TOP VIEW
(TOP COVER REMOVED)

FIGURE 3

IFC CABLE ROUTING NOTES:

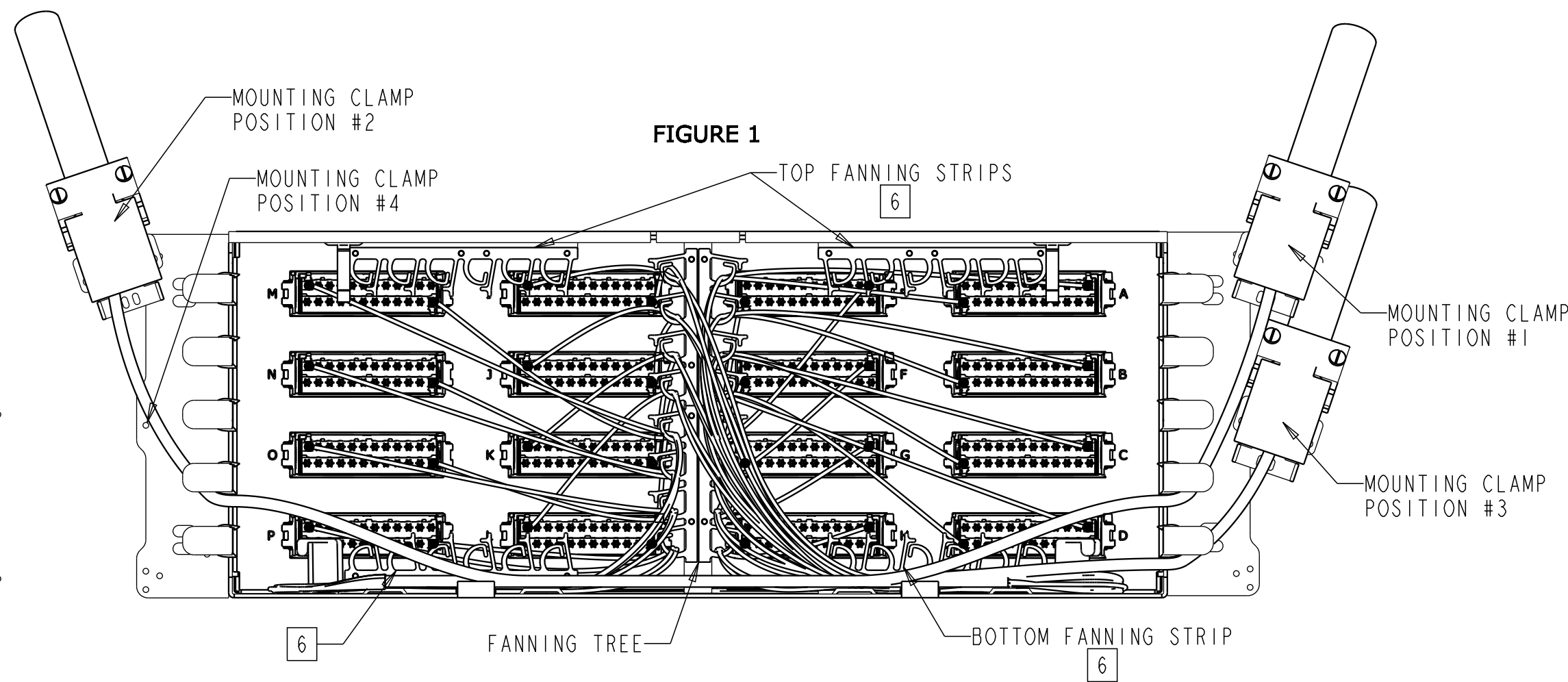
1. TO INSTALL IFC CABLE INTO THE PANEL, A CABLE CLAMP KIT IS NEEDED (USE CATALOG NUMBER E-501-L40) LIKE FIGURE 2 SHOWS. THE INSTALLATION DRAWING TO INSTALL E-501-L40 IS INCLUDED ON KIT.
2. FOR INSTALLATION POSITION OF THE CABLE CLAMP USE POSITION #1 & 3 WHEN 288 FIBERS ARE USED (AS SHOWN FIGURE 1). OTHER POSITIONS COULD BE USED.
- 3 WHEN ROUTING THE SUBUNITS INTO THE PANEL, USE MILLE-TIE TO SECURE SUBUNITS TO TIE POINTS
4. ROUTE 900 MICRON FIBERS AS SHOWN ON FIGURE 3. FIBER POSITIONS: 1-72 WHEN SC ADAPTERS ARE USED OR 1-144 WHEN LC ADAPTERS ARE USED, USE RIGHT SIDE OF FANNING TREE. POSITIONS 73-144 WHEN SC ADAPTERS ARE USED OR 145-288 WHEN LC ADAPTERS ARE USED, USE LEFT SIDE FANNING TREE.
5. FIBERS THAT GO THRU THE THIRD (TOP) POSITION OF THE FANNING TREE GO TO THE FIRST (TOP) ROW ON THE BULKHEAD, FIBERS THAT GO THRU THE FOURTH POSITION ON THE FANNING TREE GO TO THE SECOND ROW ON THE BULKHEAD, AND SO ON.
- 6 NOT USED FOR 900 MICRON FIBERS.

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		SHT. 2 OF 5	

**DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION**

IFC CABLE ROUTING INSTRUCTIONS FOR 16-MODULE CHASSIS



REAR VIEW
(REAR DOOR REMOVED)

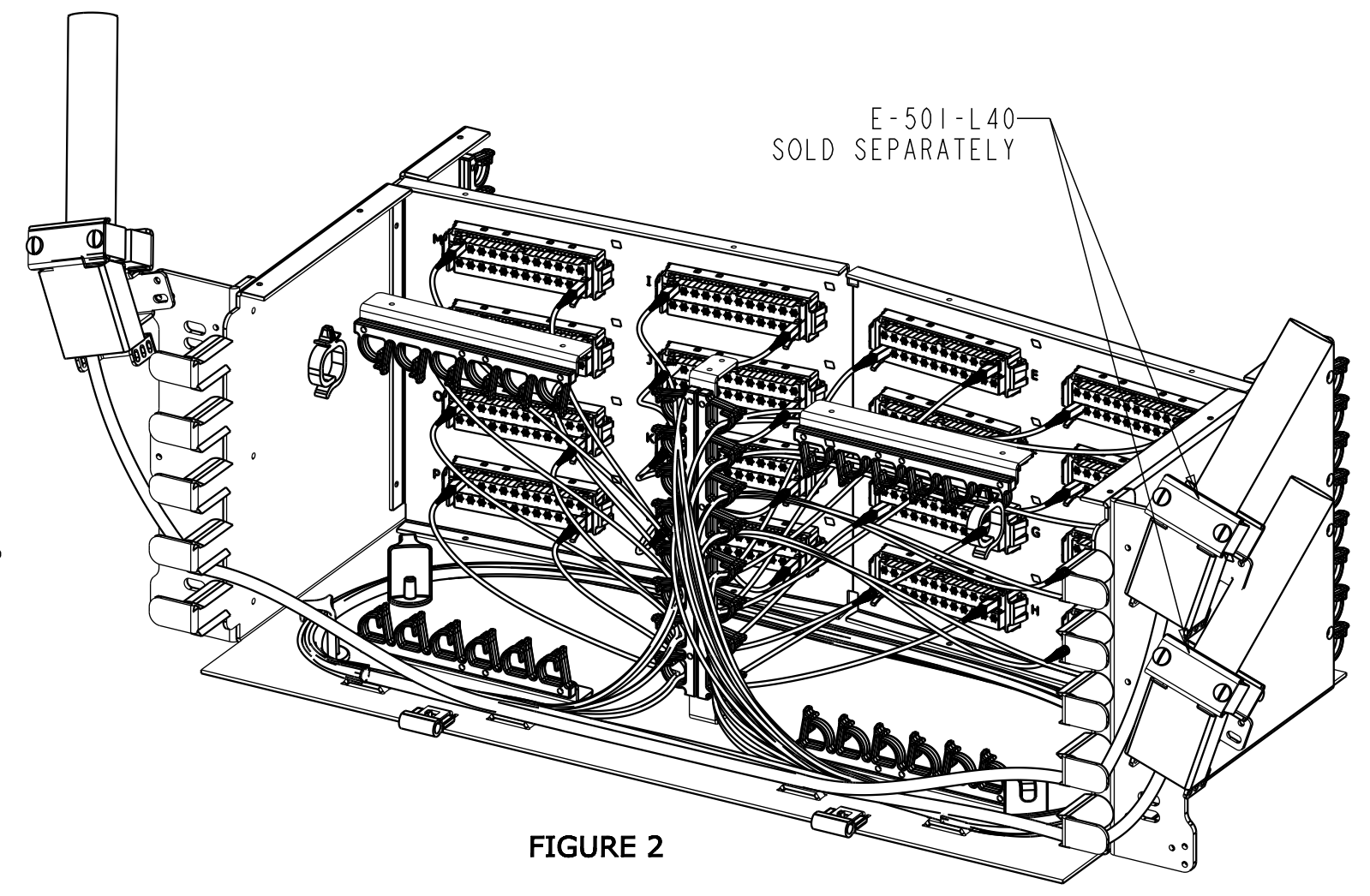
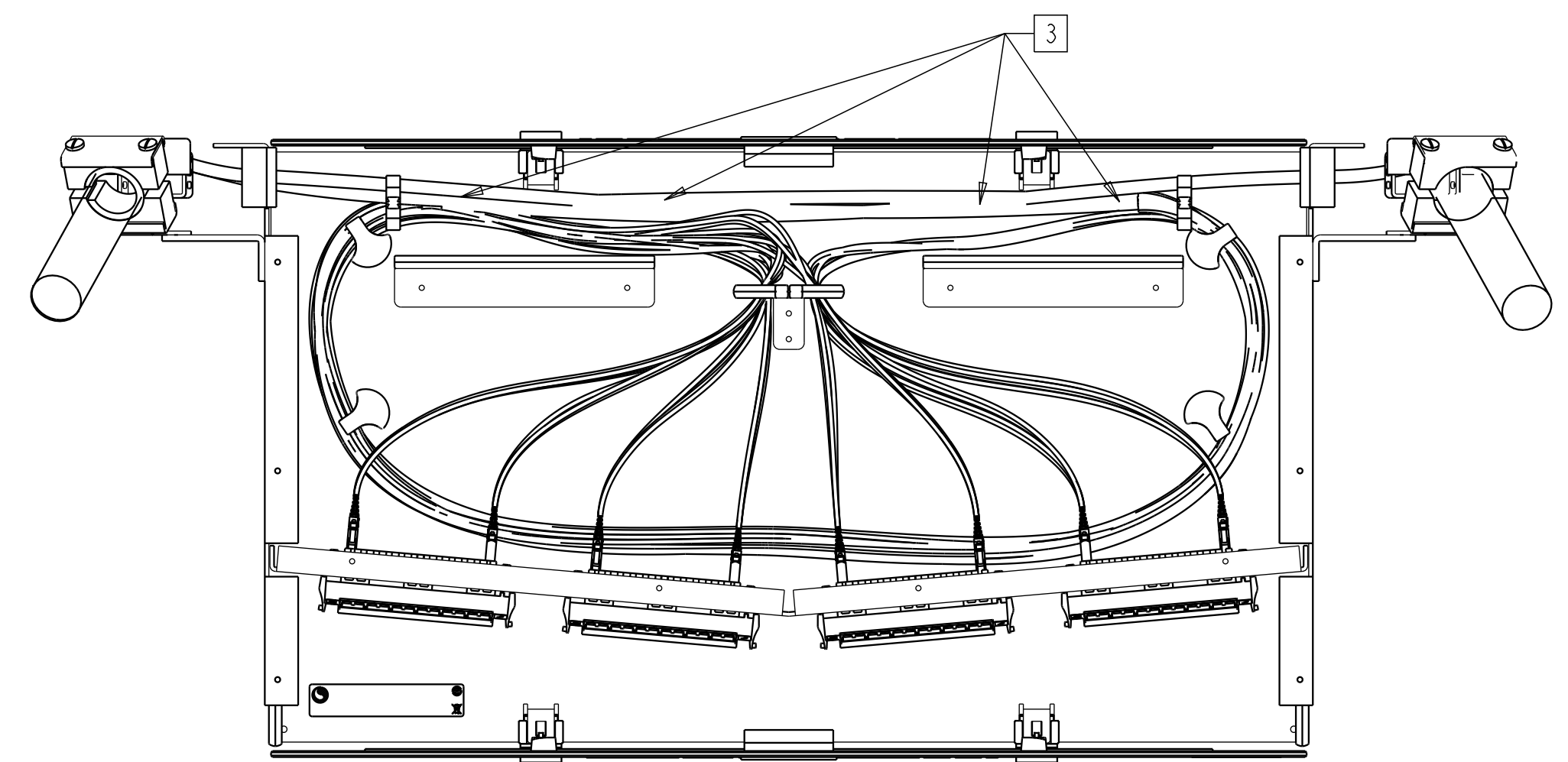


FIGURE 2



TOP VIEW
(TOP COVER REMOVED)

FIGURE 3

IFC CABLE ROUTING NOTES:

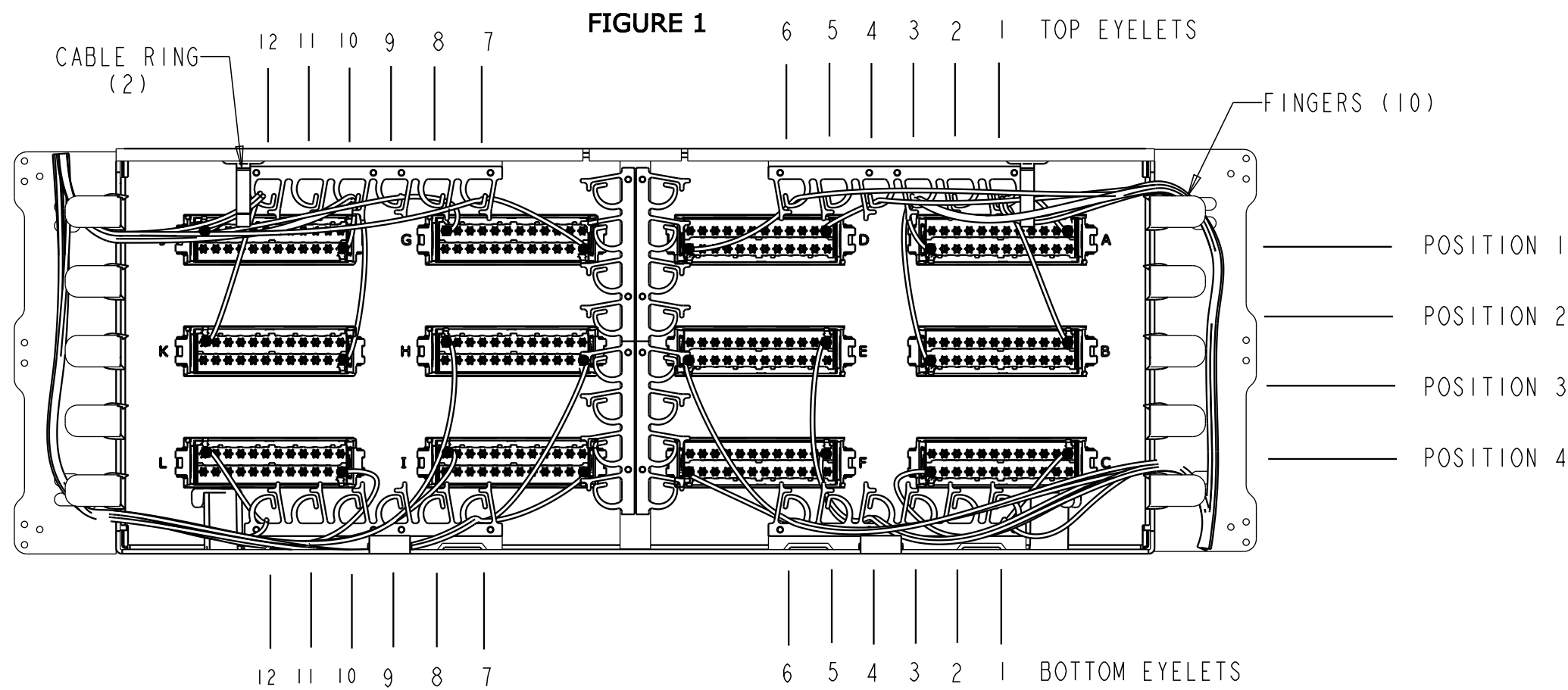
1. TO INSTALL IFC CABLE INTO THE PANEL, A CABLE CLAMP KIT IS NEEDED (USE CATALOG NUMBER E-501-L40) LIKE FIGURE 2 SHOWS. THE INSTALLATION DRAWING TO INSTALL E-501-L40 IS INCLUDED ON KIT.
2. FOR INSTALLATION POSITION OF THE CABLE CLAMP USE POSITION #1, 2 & 3 WHEN 384 FIBERS ARE USED (AS SHOWN FIGURE 1). OTHER COMBINATIONS COULD BE USED.
- [3] WHEN ROUTING THE SUBUNITS INTO THE PANEL, USE MILLE-TIE TO SECURE SUBUNITS TO TIE POINTS
4. ROUTE 900 MICRON FIBERS AS SHOWN ON FIGURE 3. WHEN SC ADAPTER PACKS ARE USED, (2) 96-FIBER CABLES ARE NEEDED. WHEN LC ADAPTER PACKS ARE USED, (2) 144-FIBER CABLES & (1) 96-FIBER CABLE ARE NEEDED.
5. FIBERS THAT GO THRU THE FIRST (TOP) POSITION OF THE FANNING TREE GO TO THE FIRST (TOP) ROW ON THE BULKHEAD, FIBERS THAT GO THRU THE SECOND POSITION ON THE FANNING TREE GO TO THE SECOND ROW ON THE BULKHEAD, AND SO ON. EACH EYELET POSITION ON THE FANNING TREE CORRESPONDS TO EACH ROW POSITION ON THE BULKHEAD.
- [6] NOT USED FOR 900 MICRON FIBERS.

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DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION

SC/LC PATCHCORDS ROUTING INSTRUCTIONS



REAR VIEW
(REAR DOOR REMOVED)

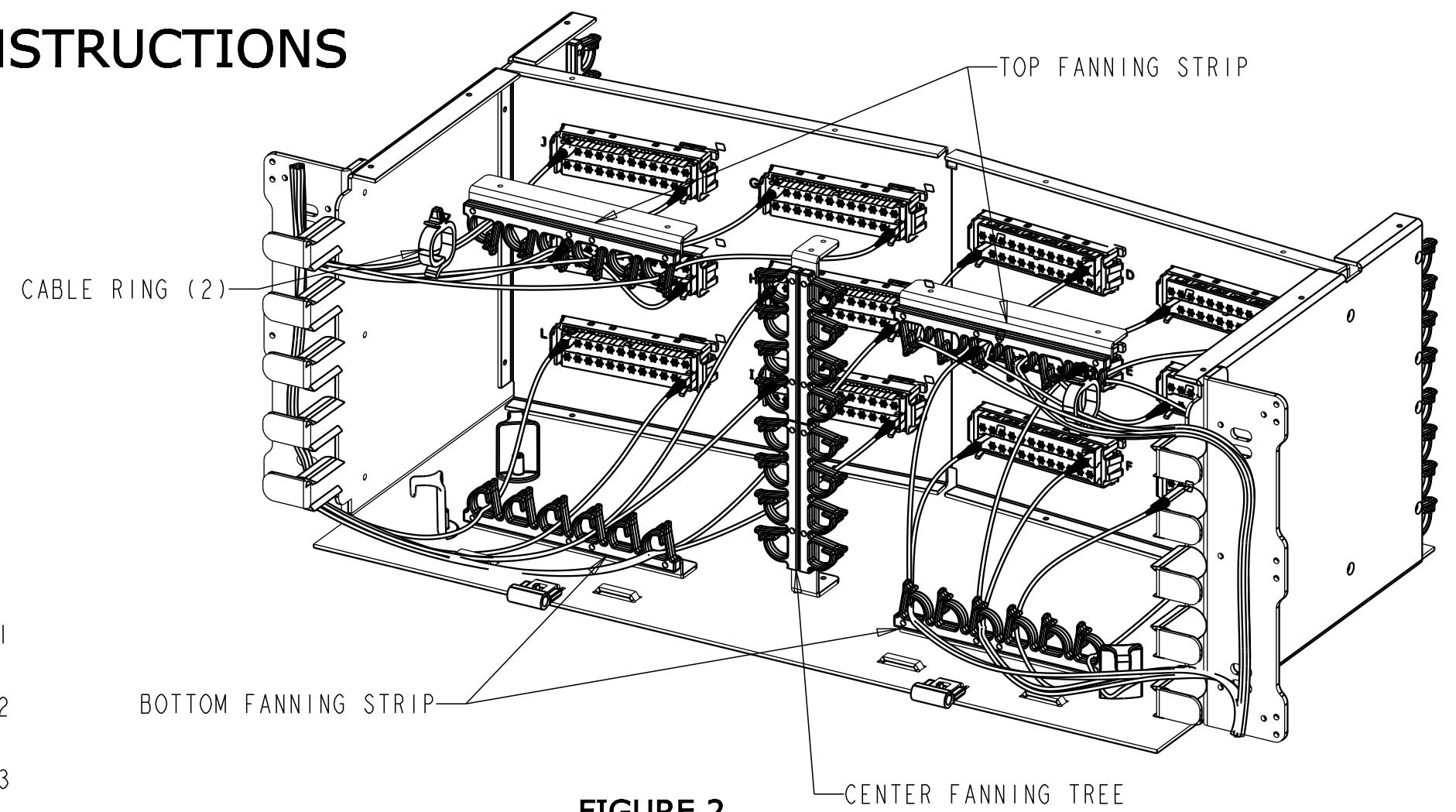
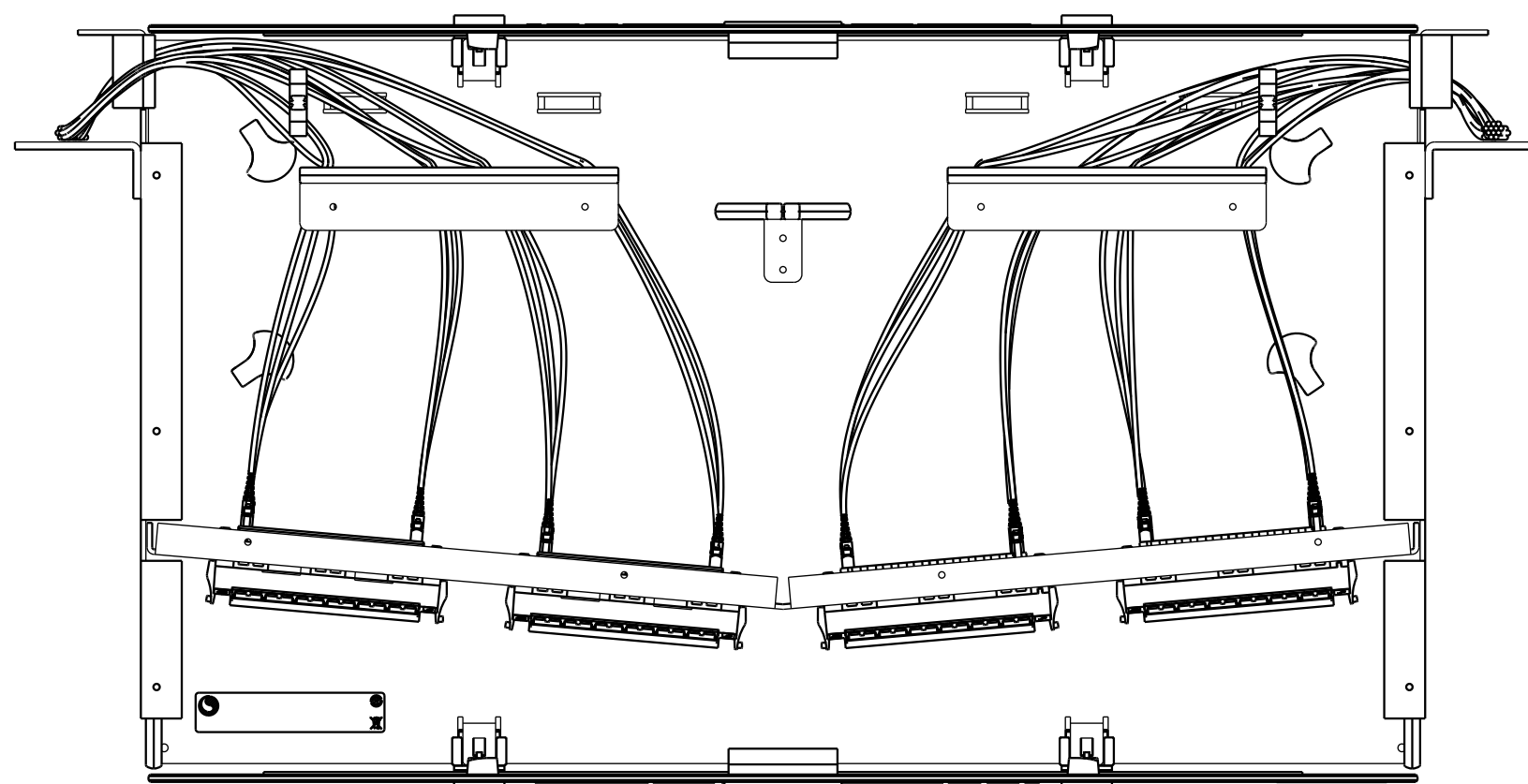


FIGURE 2
(REAR VIEW SHOWN
WITHOUT TOP COVER)



TOP VIEW
(TOP COVER REMOVED)

FIGURE 3

FIBER PATCHCORD ROUTING NOTES

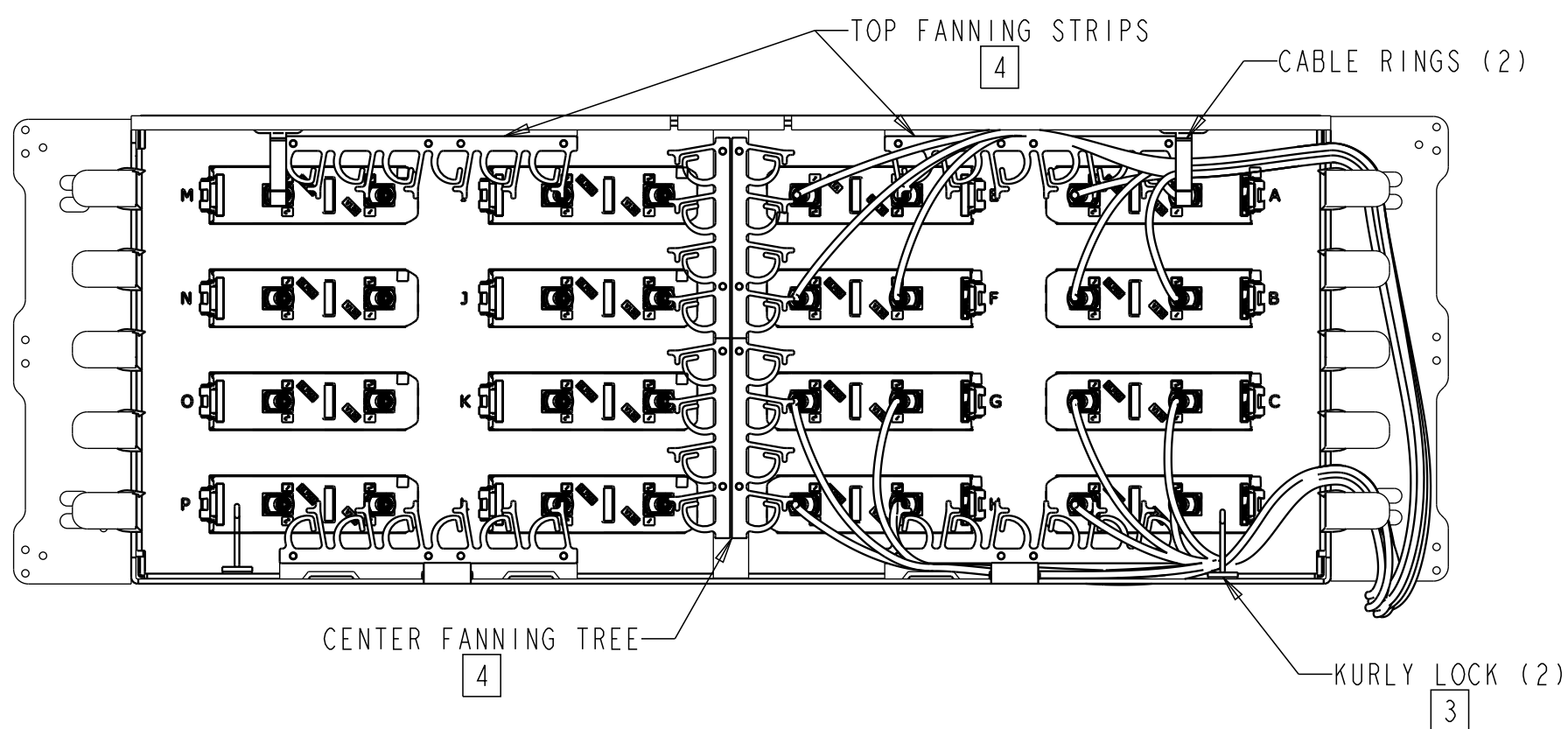
1. FIBER PATCHCORDS ENTER INTO THE PANEL FROM THE TOP OR BOTTOM AND RIGHT OR LEFT OF THE BAY. (AS SHOWN IN FIGURE 1)
2. FIBER PATCHCORDS TO THE TOP HALF OF THE BULKHEAD SHOULD BE ROUTED THROUGH THE TOP HORIZ. FANNING STRIPS AND FIBER PATCHCORDS TO THE BOTTOM HALF OF THE BULKHEAD SHOULD BE ROUTED THROUGH THE BOTTOM HORIZ. FANNING STRIPS (AS SHOWN IN FIGURE 2).
3. PATCHCORDS THAT GO INTO TOP EYELETS 4-6 AND 7-9 SHOULD USE CABLE RINGS TO ROUTE THE FIBER, TO AVOID SAGGING OF PATCHCORDS.

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DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION

MPO CABLE ROUTING INSTRUCTIONS



REAR VIEW
(REAR DOOR REMOVED)
FIGURE 1

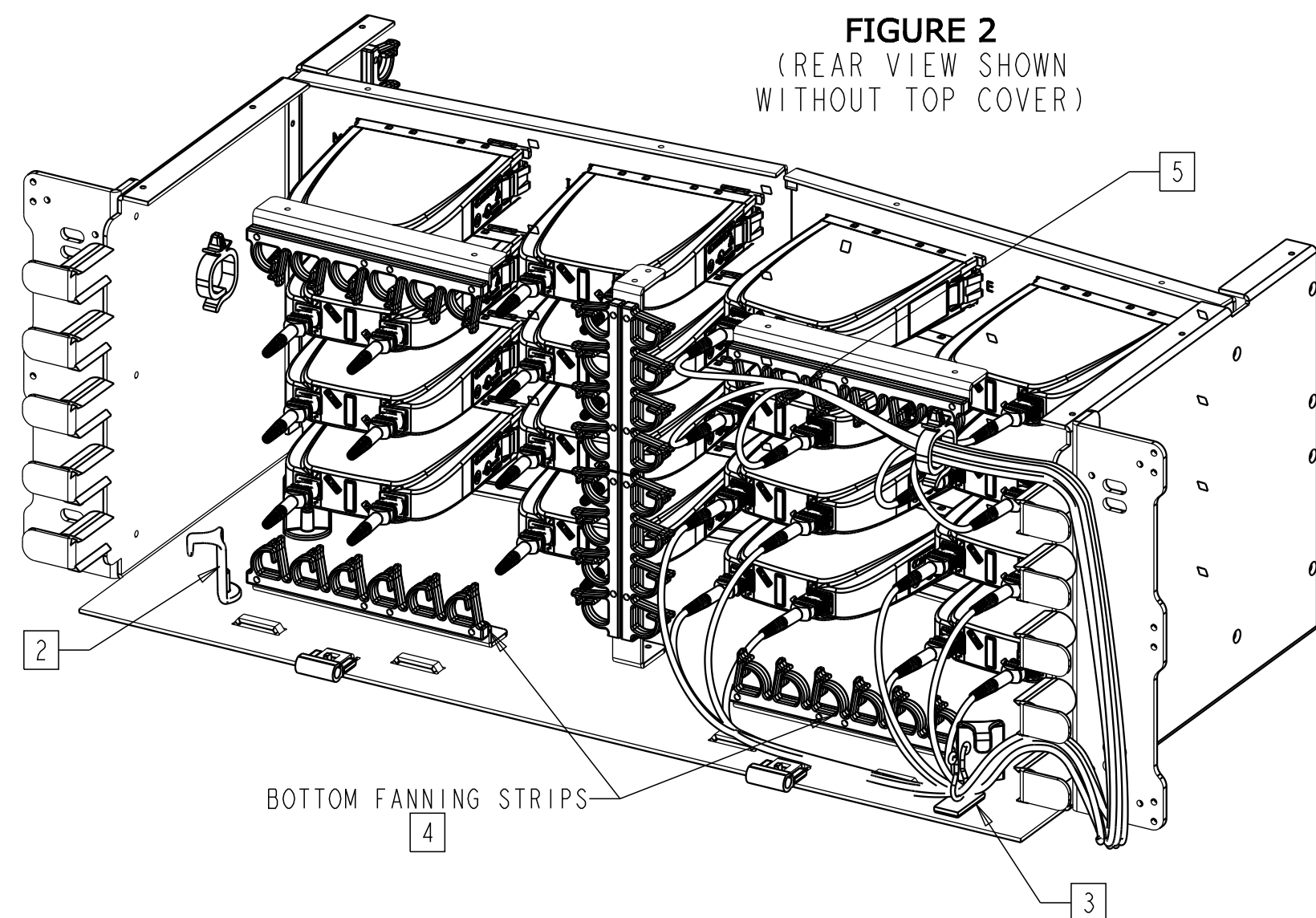
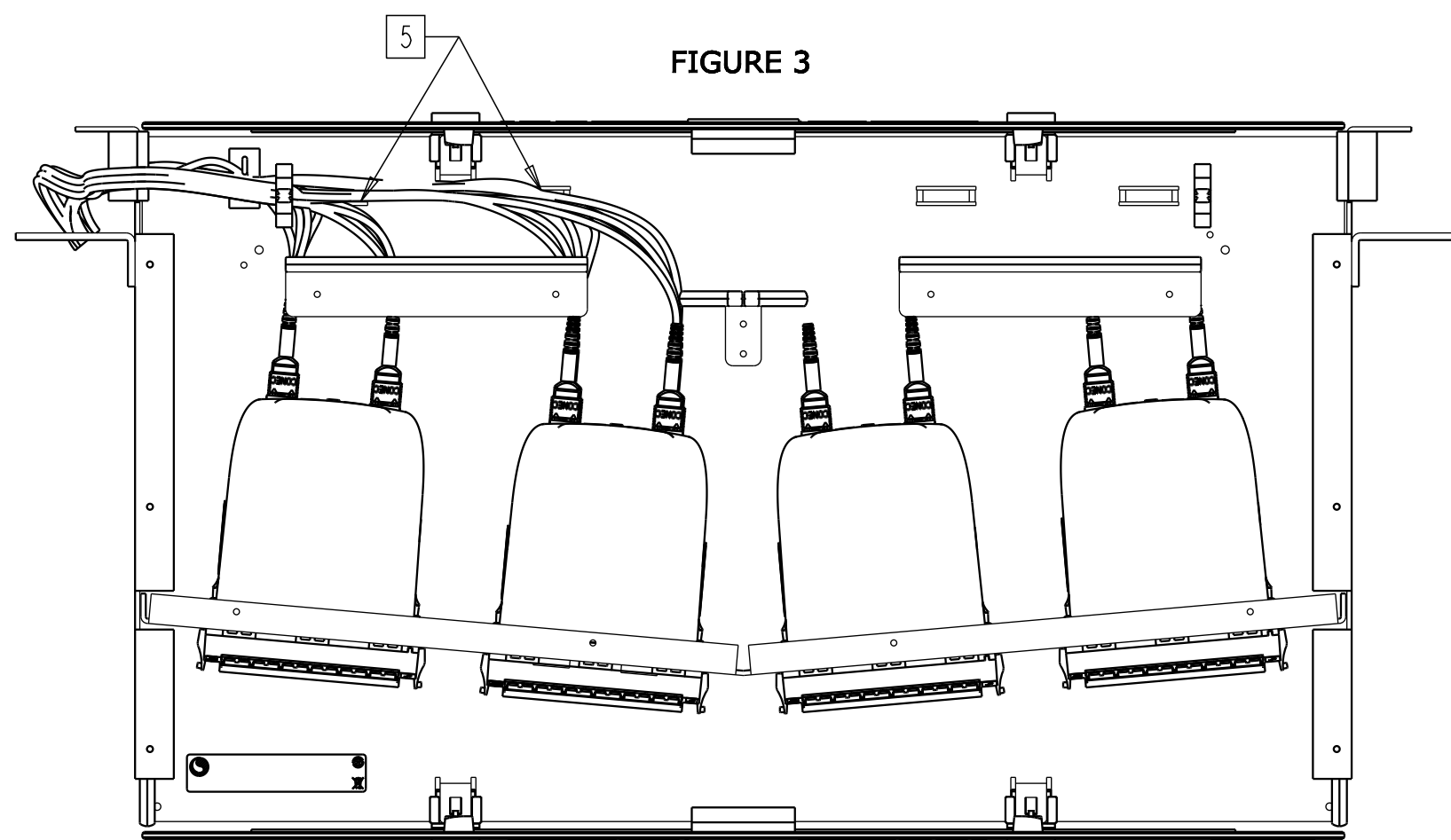


FIGURE 2
(REAR VIEW SHOWN
WITHOUT TOP COVER)



TOP VIEW
(TOP COVER REMOVED)
FIGURE 3

FIBER PATCHCORD ROUTING NOTES

1. FIBER PATCHCORDS ENTER INTO THE PANEL FROM THE TOP OR BOTTOM AND RIGHT OR LEFT OF THE BAY. (AS SHOWN IN FIGURE 1)
2. REMOVE RADIUS LIMITERS, WHEN INSTAPATCH MPO MODULES BE ASSEMBLED IN FCM-100000-1PI6.
3. WHEN MPO INSTAPATCH MODULES BE USED, PLACE KURLY LOCKS (PROVIDED WITH PANEL) APPROX, WHERE SHOWN.
4. TOP & BOTTOM HORIZ, FANNING STRIPS AND CENTER FANING TREE ARE NOT USED FOR MPO CABLES.
5. MPO CABLES TO THE TOP HALF OF THE BULKHEAD SHOULD BE ROUTED THROUGH THE TOP TIE DOWN POINTS AND CABLE RINGS. MPO CABLES TO THE BOTTOM HALF OF THE BULKHEAD SHOULD BE ROUTED THROUGH BOTTOM TIE DOWN POINTS AND KURLY LOCKS (AS SHOWN IN FIGURES 2 & 3)

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DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION